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THITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE REGISTRATION NO. 10-R-0001

CUSTOMER 40. ວິດີ

FORM APPROVED OMB NO 05/19/016

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, is registered with USDA, incluite Zio Corte)

MEDSTAR RESEARCH INSTITUTE GEORGE HYMAN MEM.RESEARCH BLDG 103 IRVING STREET NW

WASHINGTON, DC 20010 (202) 877-7533 6696 ~

3. REPORTING FACILITY (List ail locations where animals were noused or used in actual research, teating, teaching, or experimentation, or held for these purposes. Attach additional sneets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing George Hyman Memorial Research Building Washington Hospital Center MedStar Research Institute

Tom Morris Farms, Inc. 4001 Millender Mill Rd. Reistertown, Md 21136

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analogsic, or tranquilizing drugs were used.	E. Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + O • E)
4 Dogs	0	0	20	0	20
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Raboits	0	0	163	0	163
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11 Pigs	0	0	453	0	453
12. Other Farm Animals	0	0	0	0	0
13 Other Animals	0	0	0	0	0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, once to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and evolutioned by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to Jentifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals infected
- 4) The littending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequate of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)		
SIGNATURE OF C.E			OATE SIGNED
APHIS FORM 7023 (AUG 91)	(Kapiaces vs Force (accomposition), engolis domina	/ 3 1() / HE/	ADQUARTERS

The following sites have been reported by the facility.

Registration Number:

10-R-0001

Customer Number:

66

Facility:

MEDSTAR RESEARCH INSTITUTE

GEORGE HYMAN MEM.RESEARCH BLDG

108 IRVING STREET NW WASHINGTON, DC 20010

(202) 877-7535

MEDSTAR RESEARCH INSTITUTE 108 IRVING STREET NW WASHINGTON, DC 20010

Swine procured and housed at; Tom Morris Farms, Inc. 4001 Millender Mill Rd. Reisterstown, Md 21136 (800) 769-4794

See reverse side for additional information.

Interagency Report Control 40 0180-DOA-AN

UNI ED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 10-R-0003 CUSTOMER NO. 59

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

include Zip Code)
CHILDREN'S NATIONAL MEDICAL CENTER

CHILDREN'S NATIONAL MEDICAL CENTER 111 MICHIGAN AVENUE, NW WASHINGTON, DC 20010 (202) 745-3323

		F	ACILITY LOCATIONS(sites)		
See Attached Listing					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, researcn, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep			56		56
11. Pigs					
12. Other Farm Animals					
13. Other Animals					_
Ferrets			5		5
				<u> </u>	<u></u>
ASSURANCE STATEMENTS					

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)		
SIGNAT	rint)	DATE SIGNED
		10-15-01

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

10-R-0003

Customer Number:

59

Facility:

CHILDREN'S NATIONAL MEDICAL CENTER

111 MICHIGAN AVENUE, NW WASHINGTON, DC 20010

(202) 745-3323

CHILDREN'S RESEARCH INSTITUTE 111 MICHIGAN AVENUE WASHINGTON, DC 20010

See recressing for addl information

0180-DOA-AN

UNITED STATES DEPARTMEN. ... AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. and the segment

FORM APPROVED OMB NO 0579-0035

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)

2. MEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

10-R-0004, Cust id 69

GEORGETOWN UNIVERSITY 3950 RESERVOIR RC, NW WASHINGTON, DC 20007

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, tear sheets if necessary.)

dditional

RESEARCH RESOURCES FACILITY	WP 23	THE RESEIGNIH	BLDC
Davis Sciencis Bill (my land)			

Δ	B. Number of	C Number of	(Atlach adiditional shrets if no	M. Number of salmate upon thick to salve.	· · · · · · · · · · · · · · · · · · ·
Ammals Covered By The Animal Welfare Regulations	animals bring bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	o Number of animals upon which reaching, research, exportments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which depriments: Teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analysis, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or lests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate enesthetic, analgesic, or tranquitizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing perm or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs		_ る	4	0	6
5. Cals		Ö	6	0	6
6. Guinea Pigs		3	\bigcirc	0	3
7. Hamsters		\mathcal{O}	\mathcal{O}	\circ	0
8. Pabbits		29	60 104		133
5. Non-human Primates		<u> </u>	22	\mathcal{O}	22
10. Sheep		0	0	0	0
11. Pigs		0	33	0	33
12. Other Farm Animals		0	U	0	0
13. Othor Animals					
BATS		0	35	0	35
FROUS		7	É	0	15
CHICKENS		7	()	\Diamond	7

- 1) Professionally acceptable standards governing the core, treatment, and use of animals, including approximate use of anesthetic, analysis, and transplinting drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Usa Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending victermation for this research facility has appropriate authority to ensure the provision of adequato voternary care and to oversee the adequacy of other aspects of ammut care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
	DATE SIGNED
	11/19/01

(AUG 91)

PART : - HEADONARTERS

UNITED STATES DEPARTMENT OF AGRICULTURE AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

11-23-2001 RCVD

1. REGISTRATION NO. 10-R-0005

CUSTOMER NO. 70

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

GEORGE WASHINGTON UNIVERSITY, THE ANIMAL RESEARCH FAC., ROSS B-12 2300 EYE STREET, N.W. WASHINGTON, DC 20037 (202) 994-3520

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

See Attached Listing

The Animal Research Facility

The George Washington University

2300 Eve Street, NW

Washington, DC 20037

A. Animals Covered By The Animal Welfare Regulations 4. Dogs	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research; surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			used.	animals and the reasons such drugs were not used must be attached to this report)	
i i		10	102		112
5. Cats		0	0		0
6. Guinea Pigs		61	0		61
7. Hamsters		15	266		281
8. Rabbits		0	164		164
9. Non-Human Primates		0	0	W102	0
10. Sheep		0	0		0
11. Pigs		0	255		255
12. Other Farm Animals		0	0		0
13. Other Animals		0	0		0
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects	alminar care and use.				
<u> </u>	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL				٦
	(Chief Executive Officer or Legally Responsible Institutional official)				1
SIGNAT			DATE S	IGNED	1
			11/1	40	1
			1	' ~	<u>'</u>]
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See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

include Zip Code)

CUSTOMER NO.

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USCA

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

WASHINGTON, DC 20005

NATIONAL FOOD PROCESSORS ASSN.

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

10-R-0006 72

NATIONAL FOOD PROCESSORS ASSOCIATION

NATIONAL FOOD PROCESSORS ASSOCIATION 1350 I STREET NW, SUITE 300 WASHINGTON, DC 20005

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number o C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments, experiments, research, surgery or tests were TOTAL NO Animals Covered bred. which teaching teaching, research. conducted involving accompanying pain or distress conditioned, or to the animals and for which the use of appropriate OF ANIMALS By The Animal research. surgery, or tests were held for use in conducted involving Welfare Regulations experiments, or anesthetic, analgesic, or tranquilizing drugs would accompanying pain or teaching, testing, have adversely affected the procedures, results, or (Cols. C + tests were experiments. conducted distress to the animals interpretation of the teaching, research, D + EV research, or and for which appropriate experiments, surgery, or tests. (An explanation of involving no pain, distress, or surgery but not the procedures producing pain or distress in these anesthetic, analgesic, or yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. used. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11, Pigs 12. Other Farm Animals 13. Other Animals

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL e Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/20/2001

ASSURANCE STATEMENTS

Interagency Report Control No 0180-DOA-AN

This report is required by law (? USC 21.43) Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

Set reverse side for additionalinformation

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

. REGISTRATION NO 10-R-009

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

Howard University, College of Medicine 2400 6th Street, N.W. Washington, D.C. 20059

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

search, testing, teaching, or experimentation, or held for these purposes. Attach additional 3. REPORTING FACILITY (List all locations where an sheets if necessary.)

FACILITYLOCATIONS (Sites) College of Medicine Numa P G Adams Building

REPORT OF ANIMALS USED BY	R UNDER CONTROL O	F RESEARCH FACILIT	Y (Attach additional sheets if nec	pessary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B.Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	C, Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching sxperiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in those animals and the reasons such drugs were not used must be attached to this report)	F. TOTALNO OF ANIMALS (Cois. C + D + E)
4. Dogs	0		30		30
5. Cats	11	<u></u>	. 29		29
6. Guinea Pigs	0		0		0
7. Hamsters	0		0		0
8. Rabbits	0	<u> </u>	0		0
). Non-human Primates	0		0		0
10. Sheep	0		0		0
11., Pigs	0		0		0
12. Other Farm Animals	0		0		0
	0		0		0
13 Other Animals	0		0		0
		ł			

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analysesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).		
SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)	12/18/01

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88) which is obsolete